

Converting Colors

Hex(3F7BE7)

Have a look what the booklet for
Hex(3F7BE7) contains.

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Color

Hex(3F7BE7)

Conversions

Conversions Part 1

Format	Color
Hex	3F7BE7
RGB	63, 123, 231
RGB Percent	25%, 48%, 91%
CMY	0.7529, 0.5176, 0.0941
CMYK	0.73, 0.47, 0.00, 0.09
HSL	219°, 78%, 58%
HSV	219°, 73%, 91%
XYZ	23.5567, 20.9922, 78.4116
YIQ	117.3720, -70.4280, 20.8680

Conversions

Conversions Part 2

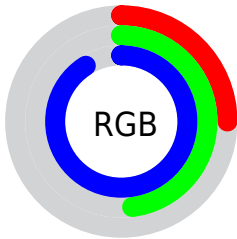
Format	Color
R _Y B	63, 107, 231
Decimal	4160487
CIE Lab	52.94, 16.91, -60.40
CIE LCh	53, 62.727, 285.641
Yxy	20.9922, 0.1916, 0.1707
Android (android.graphics.Color)	4282350567 (0xFF3F7BE7)
YUV	117.3720, 56.0186, -47.6842
Hunter-Lab	45.8172, 11.5945, -69.3968

Details

The Hex color **3F7BE7** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **E7AB3F**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **82AFFF**, and **004BAF** is the 20% darker color. If you saturate the color by 10%, you get **286CE7**, and if you desaturate by 10%, it is **568AE7**.

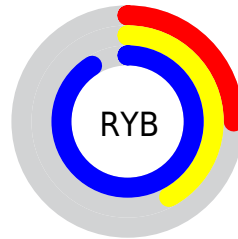
Distribution



Red (25%)

Green (48%)

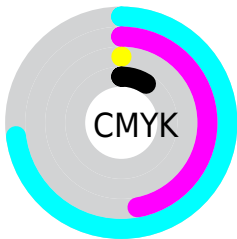
Blue (91%)



Red (25%)

Yellow (42%)

Blue (91%)

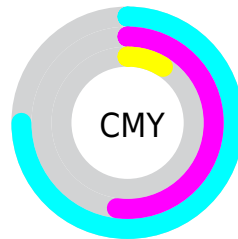


Cyan (73%)

Magenta (47%)

Yellow (0%)

Black (9%)



Cyan (75%)

Magenta (52%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F7BE7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3F7BE7 by changing the saturation by 10% instead.

■ 3F7BE7

■ 3F7BE7

FFFFFF

■ 0063CA

■ 82AFFE

■ 004BAF

■ A1CAFF

■ 003593

■ C0E6FF

■ 002279

■ DEFFFF

■ 000C5F

■ F2FFFF

■ 000847

■ 00042F

■ 00011A

■ 000000

■ 3F7BE7

■ 3F7BE7

■ 286CE7

■ 568AE7

■ 115DE7

■ 6D99E7

■ 0053E7

■ 84A8E7

■ 9BB6E7

■ B3C5E7

■ CAD4E7

■ E1E3E7

■ F8F2E7

■ FFFFE7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



008CE7



3F7BE7



A462CB

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3F7BE7



CF5B32



009562

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3F7BE7



E7AB3F

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3B902C



3F7BE7



AD7200

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3F7BE7



DE4765



7D8500



00979A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3F7BE7



C651AC



7D8500



00944F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3F7BE7



C7DBFF



3FE7A9



5E6A80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3F7BE7



2170FF



553FE7



676B73



0040B3



001233

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E73F7B



FF2170



D1E73F



73676B



B30040



330012

Previews

White Background



This preview shows how the Hex color 3F7BE7 looks on a white background.

Color Contrast Check

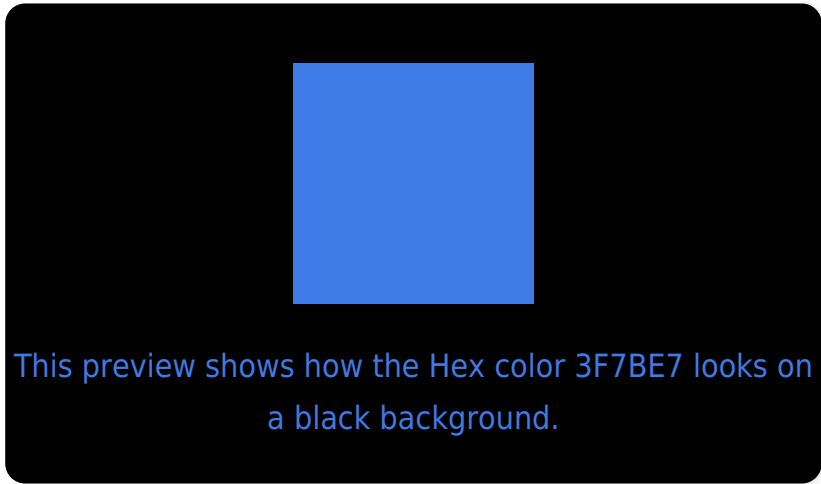
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

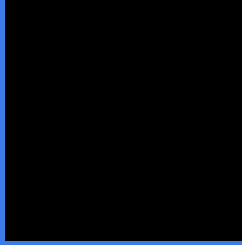
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

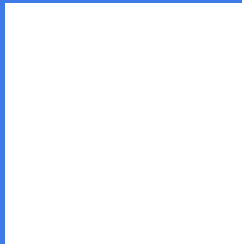
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3F7BE7 Background



This preview shows how black text looks on a background with the Hex color 3F7BE7.



This preview shows how white text looks on a background with the Hex color 3F7BE7.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

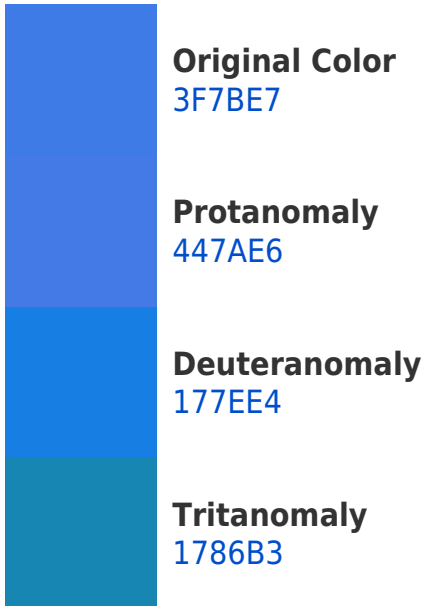
Dichromacy





Tritanopia
008C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F7BE7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3F7BE7 looks like.

```
.text, #text, p{  
    color:#3F7BE7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3F7BE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F7BE7
}
```

Border

The CSS property to change the border of an element to Hex 3F7BE7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F7BE7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3F7BE7 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3F7BE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F7BE7; -webkit-box-shadow:4px 4px  
4px 4px #3F7BE7; box-shadow:4px 4px 4px  
4px #3F7BE7 }
```

Background

The CSS property to change the background color of an element to Hex 3F7BE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F7BE7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3F7BE7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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